USGS-OFR-86-558

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIBLIOGRAPHY OF REPORTS BY U.S. GEOLOGICAL SURVEY PERSONNEL ON STUDIES AT THE NEVADA TEST SITE AND THE WASTE ISOLATION PILOT PLANT SITE, NEW MEXICO, JANUARY 1, 1985, TO DECEMBER 31, 1985

By

V. M. Glanzman

Open-File Report 86-558

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Reports listed in this bibliography include information on underground nuclear testing and waste management projects at the NTS (Nevada Test Site) (figs. 1 and 2) and radioactive waste projects at the WIPP (Waste Isolation Pilot Plant) site, New Mexico (fig. 3).

The bibliography is divided into three categories: (1) reports regarding underground nuclear testing, (2) waste management projects at the NTS, and (3) waste management studies at the WIPP site. Reports are listed in each category by publication outlet. The USGS-474 series reports pertain to underground nuclear testing studies and are cross referenced to administrative (or in-house) series (for example, USGS-474-319 is cross referenced as NTS-265). The administrative series are used to break down the USGS-474 series for more specific area identification. A list of cross references is shown on page 6.

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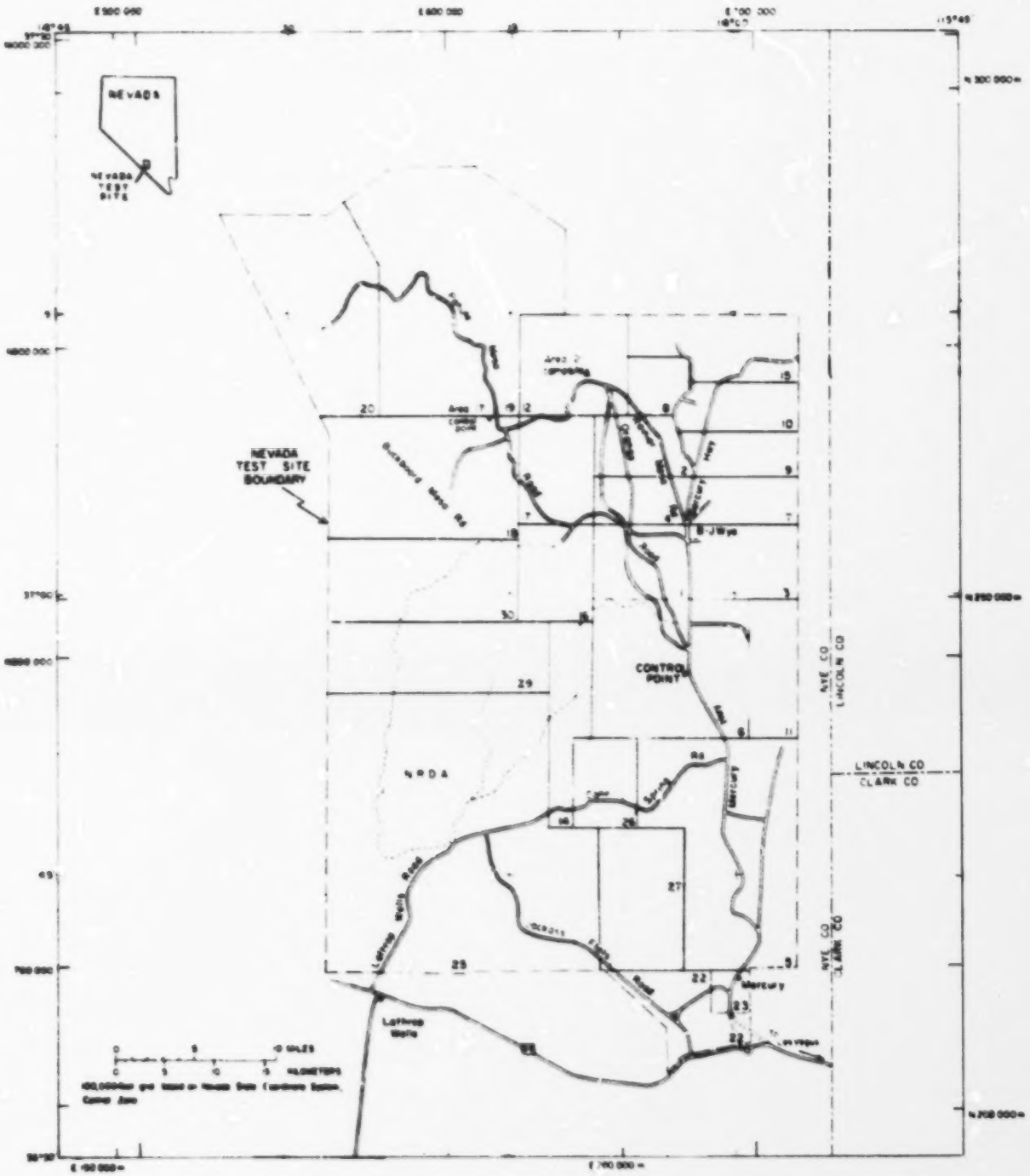

Figure 1.--Index map showing location of Nevada Test Site and outlines of numbered test areas on the test site.

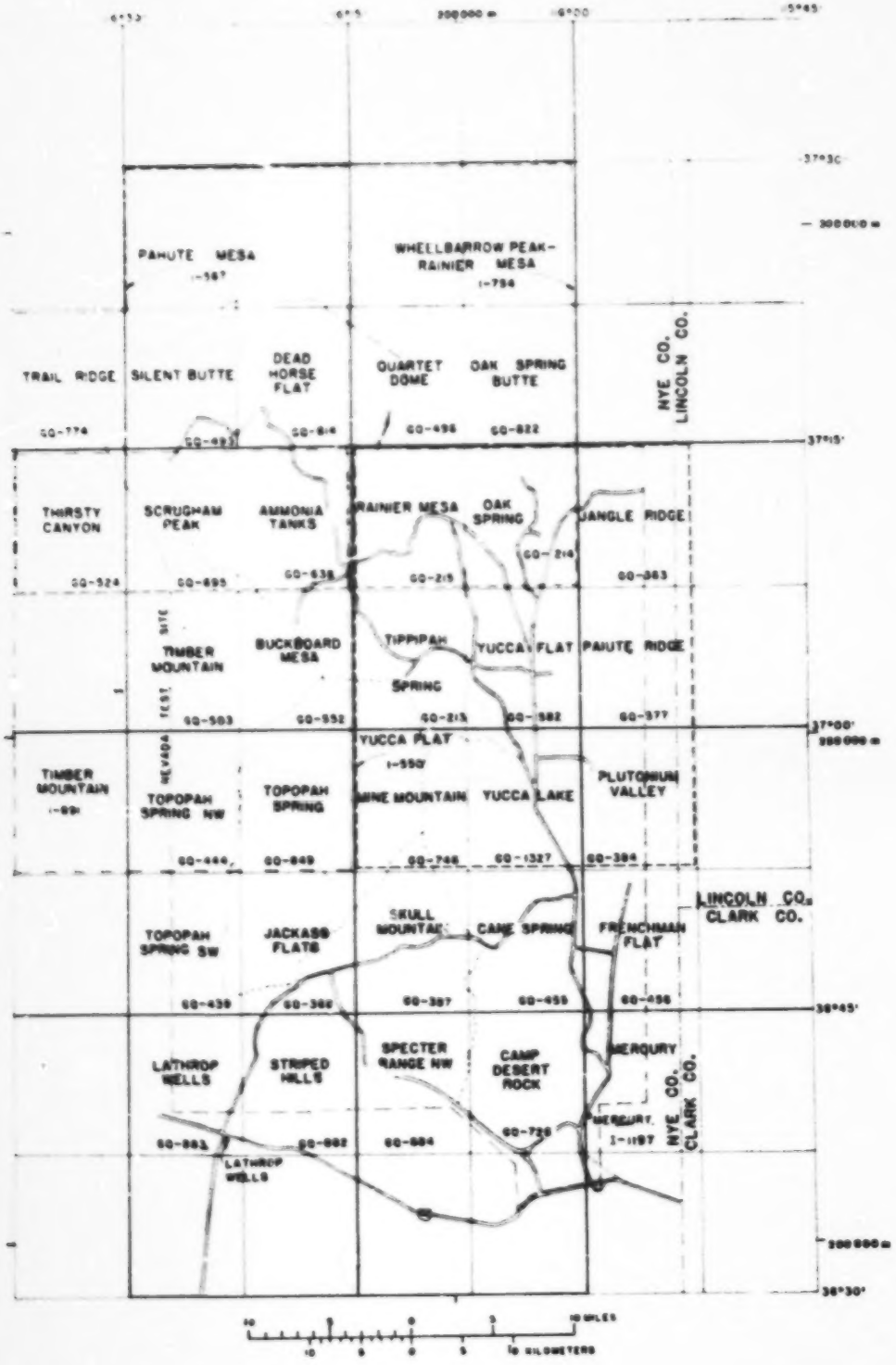

Figure 2.--Index map of Nevada Test Site showing outlines of geologic maps.

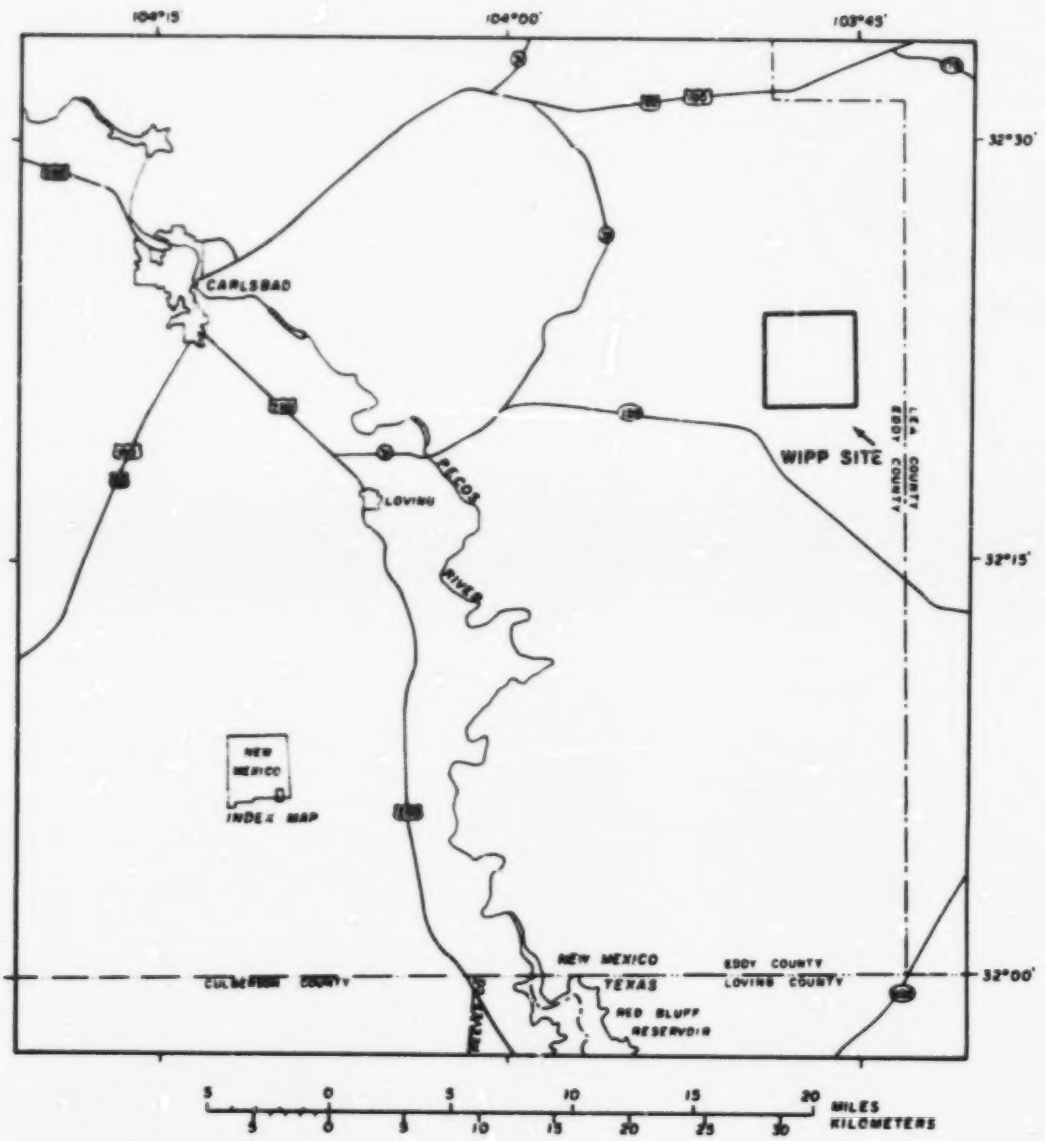

Figure 3.--Map showing location of the WIPP project site, New Mexico.

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USGS-474-Series

USGS-474--319 — Lithologic logs of selected exploratory and emplacement drill holes in Areas 9 and 10, Nevada Test Site, by W. D. Quinlivan, Joseph A. Sharps, Jane P. Ohl, and Paul D. Blackmon, 66 p.

Administrative Series Cross Reference (474 Series)

NTS-265 — USGS-474-319

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84-834 — Near-field strong-motion data from nuclear explosive sources, by S. R. Brockman, A. F. Espinosa, J. A. Michael, and R. Navarro, 224 p., 1984.

85-363 — Bibliography of reports by U.S. Geological Survey personnel on studies of underground nuclear test sites and on waste management studies at the Nevada Test Site and the Waste Isolation Pilot Plant site, New Mexico, January 1, 1983, to December 31, 1984, by V. M. Glanzman, 24 p., 1985

85-530 — Free-air gradient observations in Yucca Flat, Nevada Test Site, by Philip S. Powers and Don L. Healey, 18 p., 1985.

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85-36 Comparison of survey and photogrammetry methods to position gravity data, Yucca Mountain, Nevada, by D. A. Ponce, S. S. C. Wu, and J. B. Spielman, 11 p., 1985.

85-47 Uranium-series dating of secondary carbonate and silica precipitates relating to fault movements in the Nevada Test Site region, by Barney J. Szabo and Peg A. O'Malley, 12 p., 1985.

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85-224 Uranium, thorium isotopic analyses and uranium-series ages of calcite and opal, and stable isotopic compositions of calcite from drill cores UE-25a-1, USW G-2, and USW G-3/GU-3, Yucca Mountain, Nevada, by B. J. Szabo and T. K. Kyser, 25 p., 1985.

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85-4066 Identification of characterization of hydrologic properties of fractured tuff using hydraulic and tracer tests--Test well USW H-4, Yucca Mountain, Nye County, Nevada, by James R. Erickson and Richard K. Waddell, 30 p., 1985.

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85-229 Dissolution of halite and gypsum, and hydration of anhydrite to gypsum, Rustler Formation, in the vicinity of the Waste Isolation Pilot Plant, southeastern New Mexico, by R. P. Snyder, 11 p., 1985.

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USGS I-	U.S. Geological Survey Miscellaneous Investigations series map
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Paleomagnetic data: OFR 85-48, OFR 85-49 (p. 8); Journals (Rosenbaum, p. 11)
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    Bullfrog Hills, Nev.: Journals (Maldonado, p. 10)
    Crater Flat, Nev.: OFR 85-475 (p. 8)
    Pahute Mesa, Nev.: Journals (Warren, p. 7)
    Southeastern New Mex.: OFR 85-229 (p. 12)
    Yucca Flat, Nev.: Journals (Covington, p.6; Garcia, p. 6; Williams, p. 7)
    Yucca Mountain, Nev.: OFR 85-48 (p. 8); Bull. 1647 (p. 9); Journals (Broxton, p. 10)
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Yucca Flat: USGS-474-319 (p. 6); Journals (Covington, p. 6; Garcia, p. 6; Williams, p. 7); OFR 85-47 (p. 8)

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